

## WHAT IS CLAIMED IS:

1. A tissue culture flask comprising a bottom wall, a ramp extending up from said bottom wall at an obtuse angle, said ramp having a front end at a portion of said ramp furthest from said bottom wall, a sidewall enclosure extending up from said bottom wall and said ramp, a cover extending across said sidewall enclosure in opposed spaced relationship to said bottom wall and said ramp, said sidewall enclosure including a front wall panel extending up from said front end of said ramp, said front wall having an opening formed therethrough, a substantially tubular neck extending outwardly from said front wall at said opening for providing communication to portions of said flask bounded by said sidewall enclosure, portions of said tubular neck adjacent said opening in said front wall defining an upwardly concave elliptical arc and a downwardly concave circular arc.
2. The tissue culture flask of Claim 1, wherein said elliptical arc of said opening in the front wall defines a major axis extending parallel to said bottom wall.
3. The tissue culture flask of Claim 2, wherein said elliptical arc of said opening in said front wall is substantially tangent to said front dent of said ramp.
4. The tissue culture flask of Claim 2, wherein said circular arc of said opening in said front wall has a diameter coincident with said major axis of said elliptical arc.
5. The tissue culture flask of Claim 1, wherein said sidewall enclosure has a top edge secured to said cover, said opening in said front wall being spaced below said top edge of said sidewall enclosure.
6. The tissue culture flask of Claim 1, wherein said neck has a front end with a substantially circular cross-section.

7. The tissue culture flask of Claim 6, wherein said neck has an array of external threads in proximity to said front end of said neck, said tissue culture flask further comprising a cap threadedly engaged with said threads on said neck.

8. The tissue culture flask of Claim 1, wherein said cover is substantially parallel to said bottom wall.

9. The tissue culture flask of Claim 1, wherein said bottom wall and said ramp each are substantially planar.

10. The tissue culture flask of Claim 9, wherein said ramp is aligned to said bottom wall at an angle of about  $150^{\circ}$ .

11. The tissue culture flask of Claim 10, wherein said neck has a neck axis aligned to the bottom wall at an angle of about  $15^{\circ}$ .

12. The tissue culture flask of Claim 11, wherein a plane passing vertically and symmetrically through said neck intersects said neck along a bottom extreme of said neck, said bottom extreme defining a line aligned to the bottom wall at an angle of approximately  $10^{\circ}$ .

13. A tissue culture flask having a base unitarily molded from a plastic material, said base comprising a substantially rectangular bottom wall having opposite front and rear ends and opposed sides, a substantially planar isosceles trapezoidal ramp extending from said front end of said bottom wall and aligned to said bottom wall at an obtuse angle, said ramp having a front end parallel to said front end of said bottom wall and first and second sides converging from said bottom wall toward said front end of said ramp, a back wall extending up from said back end of said bottom wall, first and second sidewalls extending up from said first and second sides of said bottom wall, first and second transition walls extending up from said first and second converging sides of said ramp and a front wall extending up from said front end of said ramp, said front wall having an opening formed therethrough and a substantially tubular neck extending out from said opening in said front wall, said tubular neck having a passage

extending therethrough and into said flask, portions of said tubular neck at said opening in said front wall having an elliptically generated upwardly concave surface substantially tangent to said front end of said ramp, said tissue culture flask further having a cover secured to said back wall, said front wall, said sidewalls and said transition walls in opposed spaced relationship to said bottom wall and said ramp.

14. The tissue culture flask of Claim 13, wherein the opening and the neck are spaced from the cover.

15. The tissue culture flask of Claim 13, wherein portions of said neck adjacent said front wall include a downwardly concave circularly generated portion joined continuously with said upwardly concave elliptically generated portion.

16. The tissue culture flask of Claim 15, wherein said neck has front end spaced outwardly from said front wall, portions of said neck adjacent said front end being substantially cylindrically generated and having means formed thereon for releasably engaging a cap.

17. The tissue culture flask of Claim 13, wherein the ramp is aligned to the bottom wall at an obtuse angle of about  $150^\circ$ .